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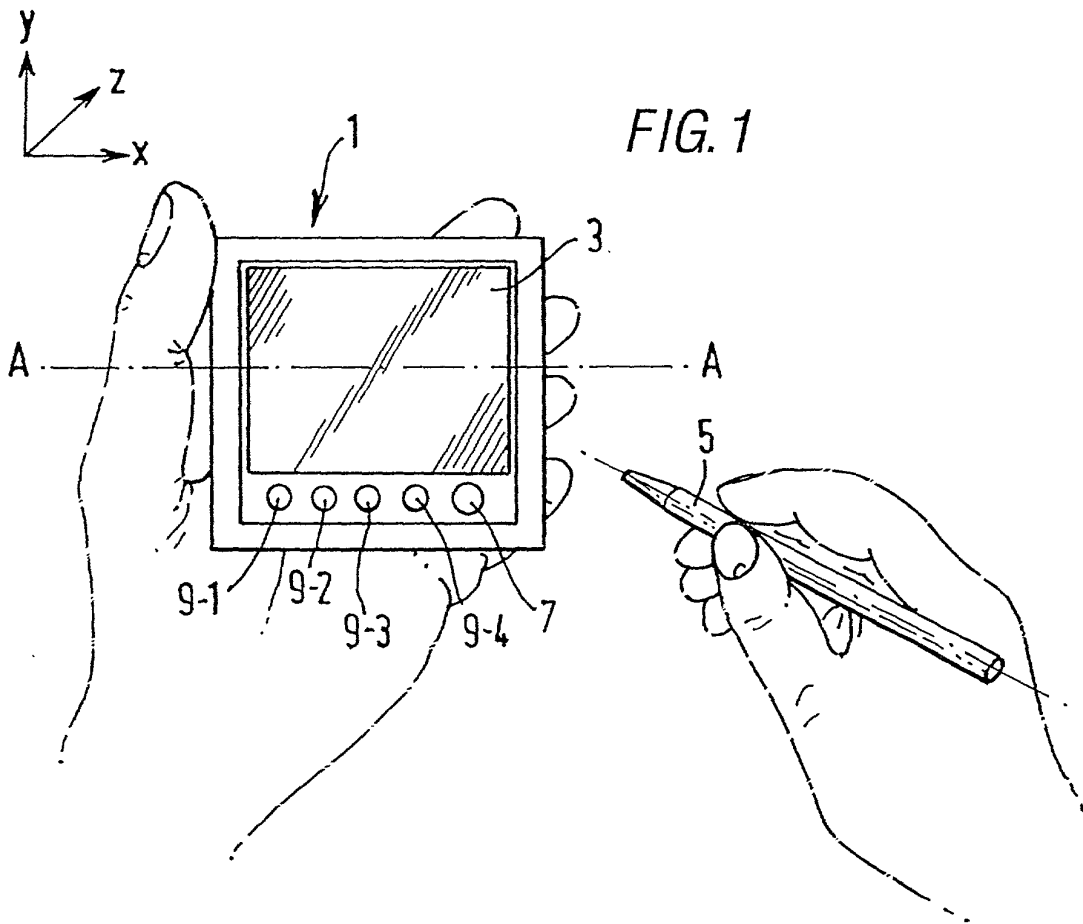
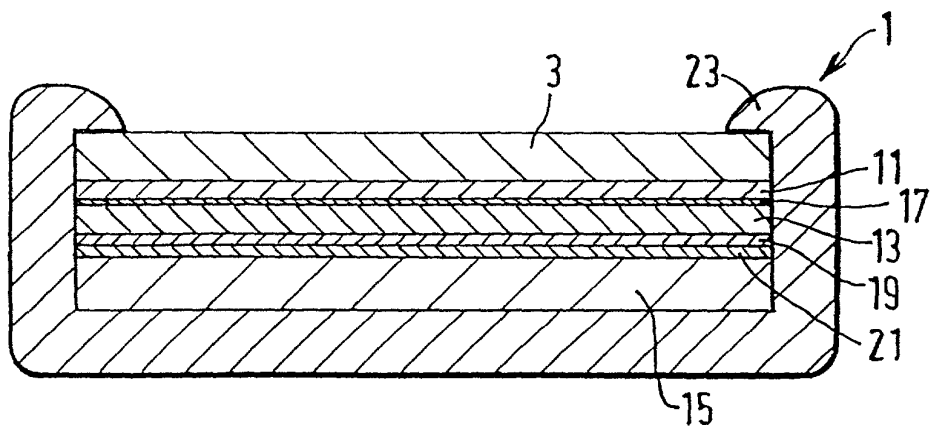


FIG. 2



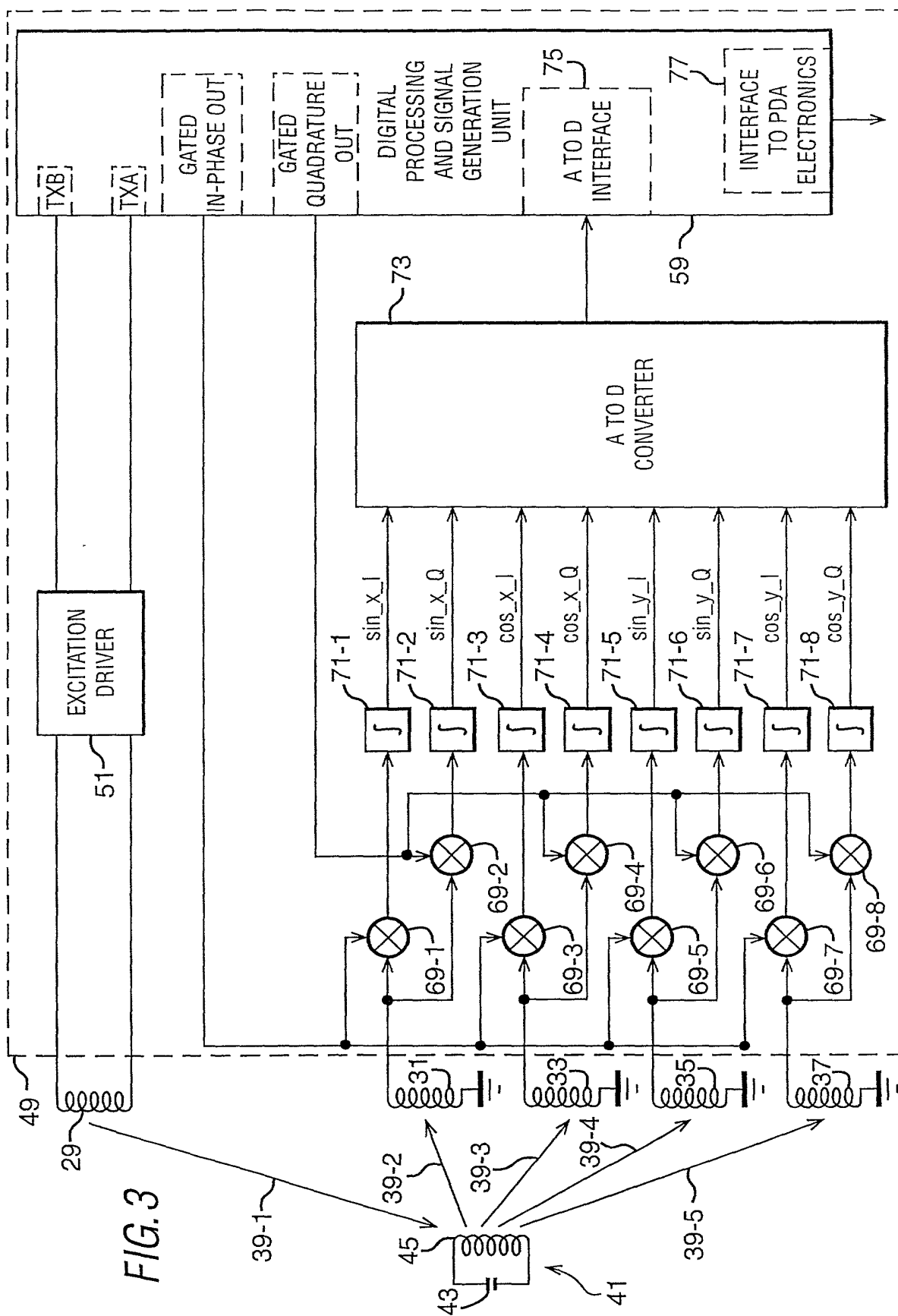


FIG. 4a

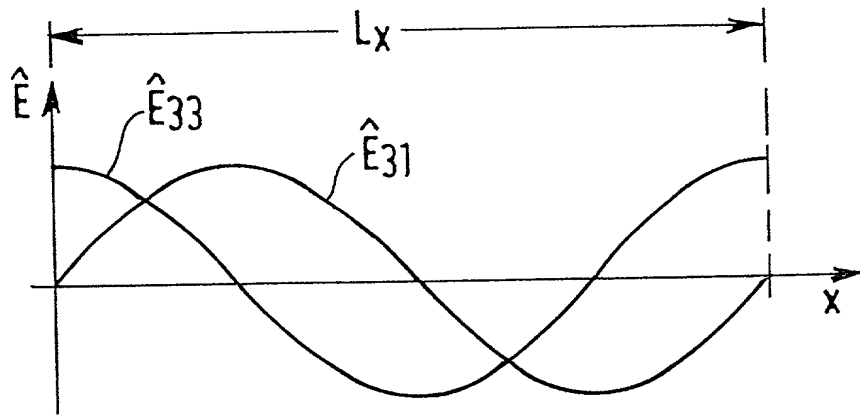


FIG. 4b

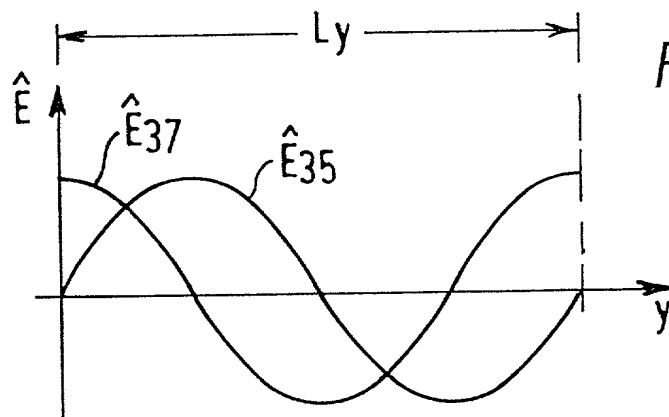
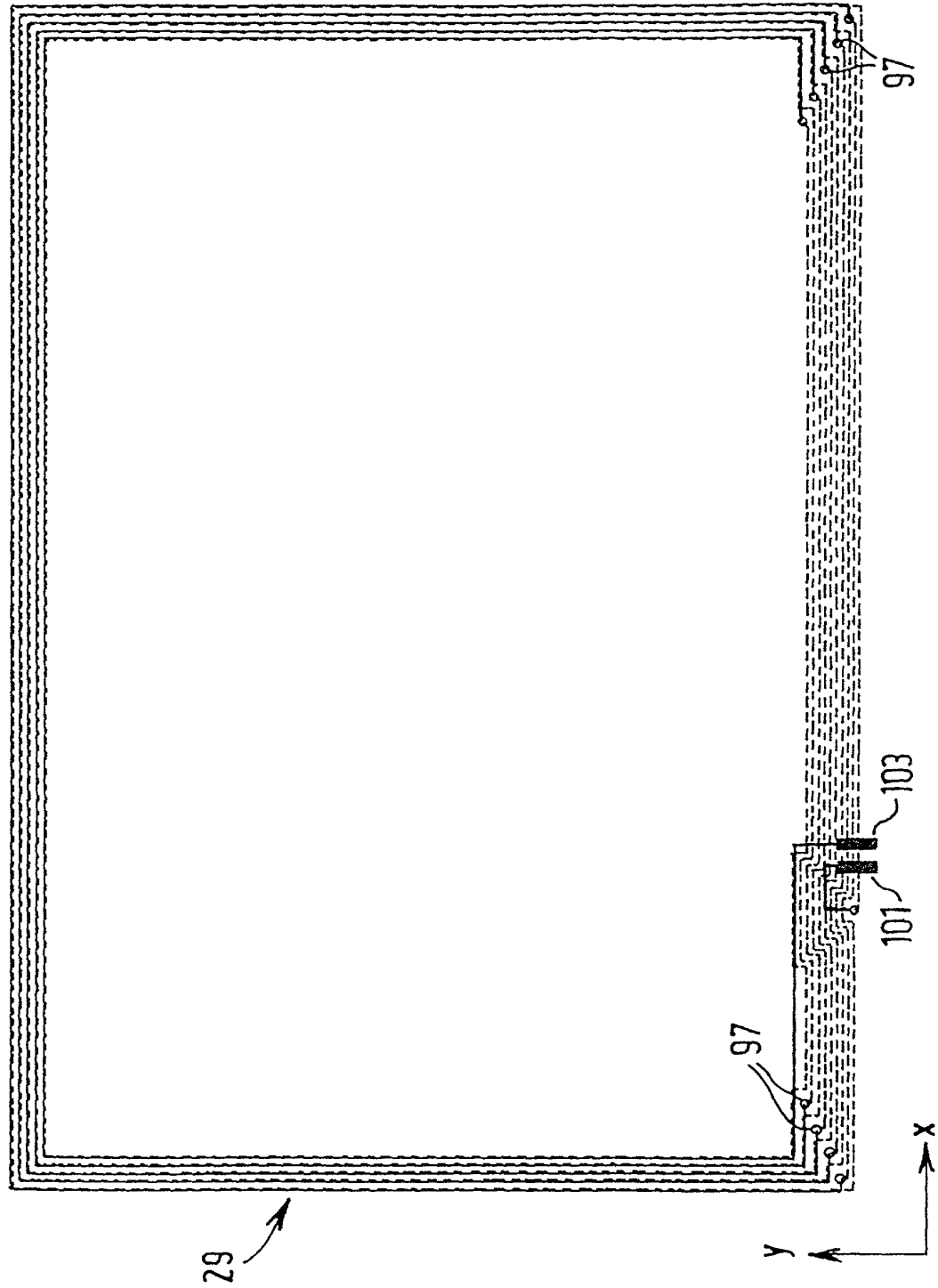
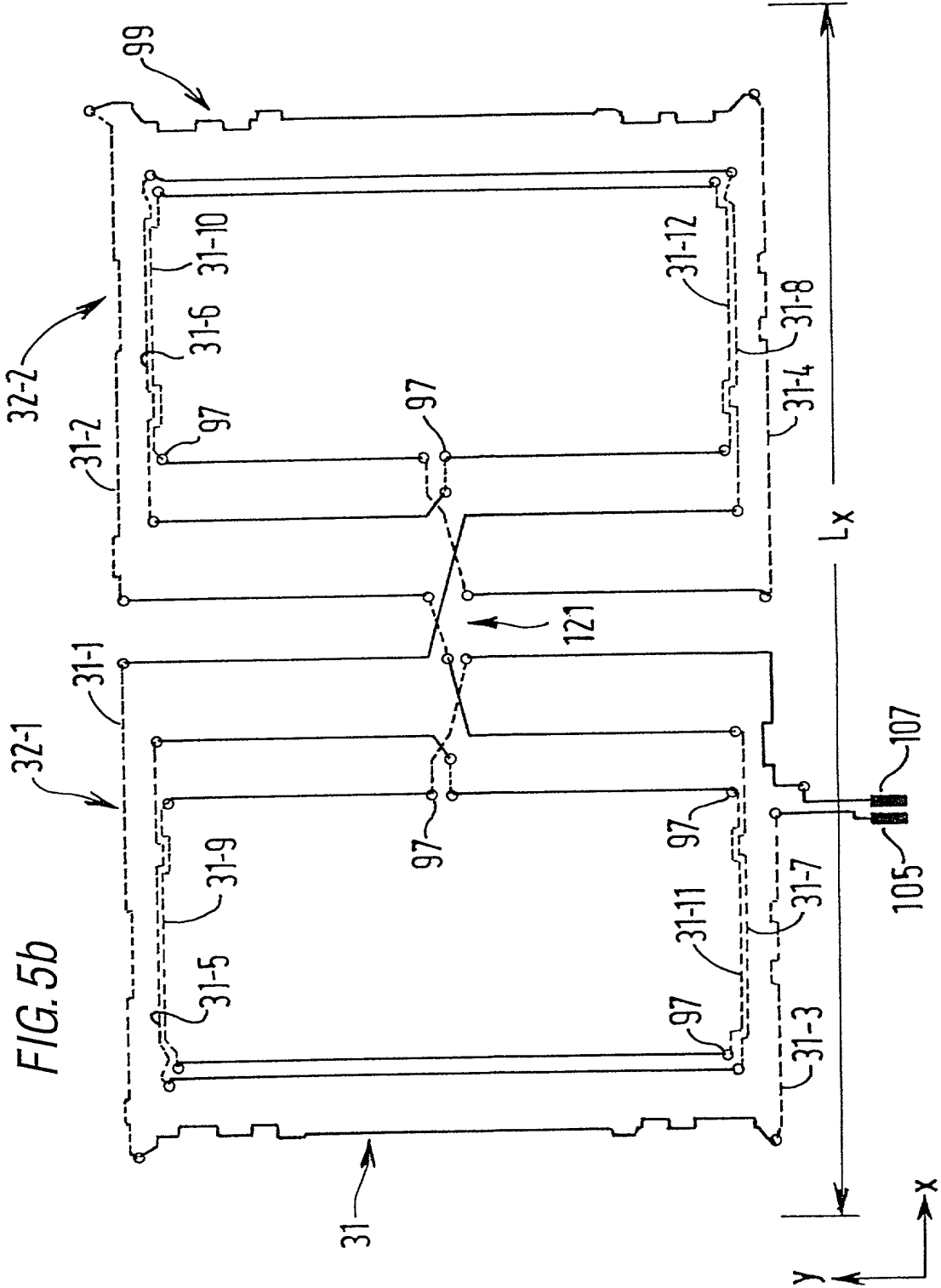


FIG. 5a

FIG. 5a





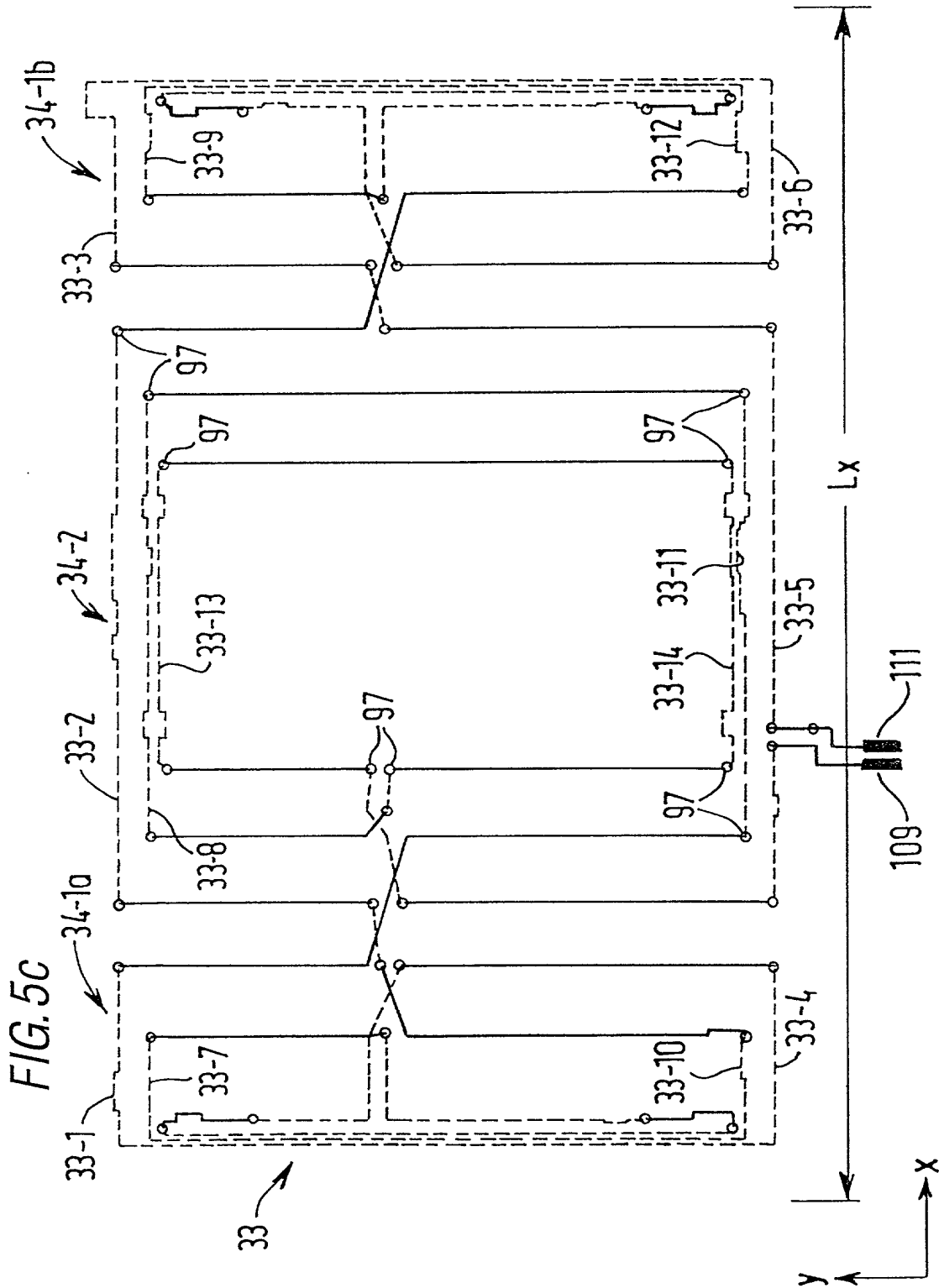
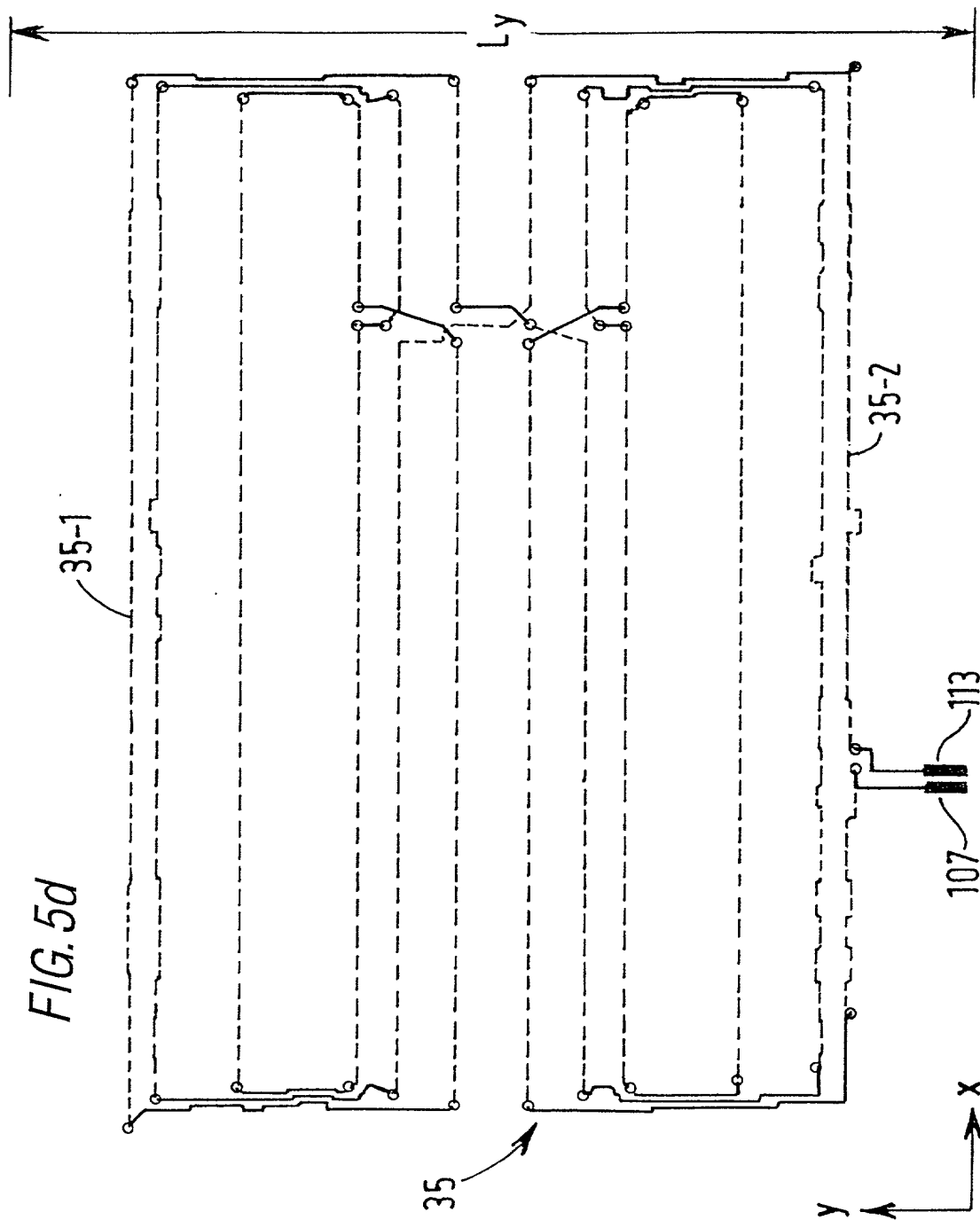
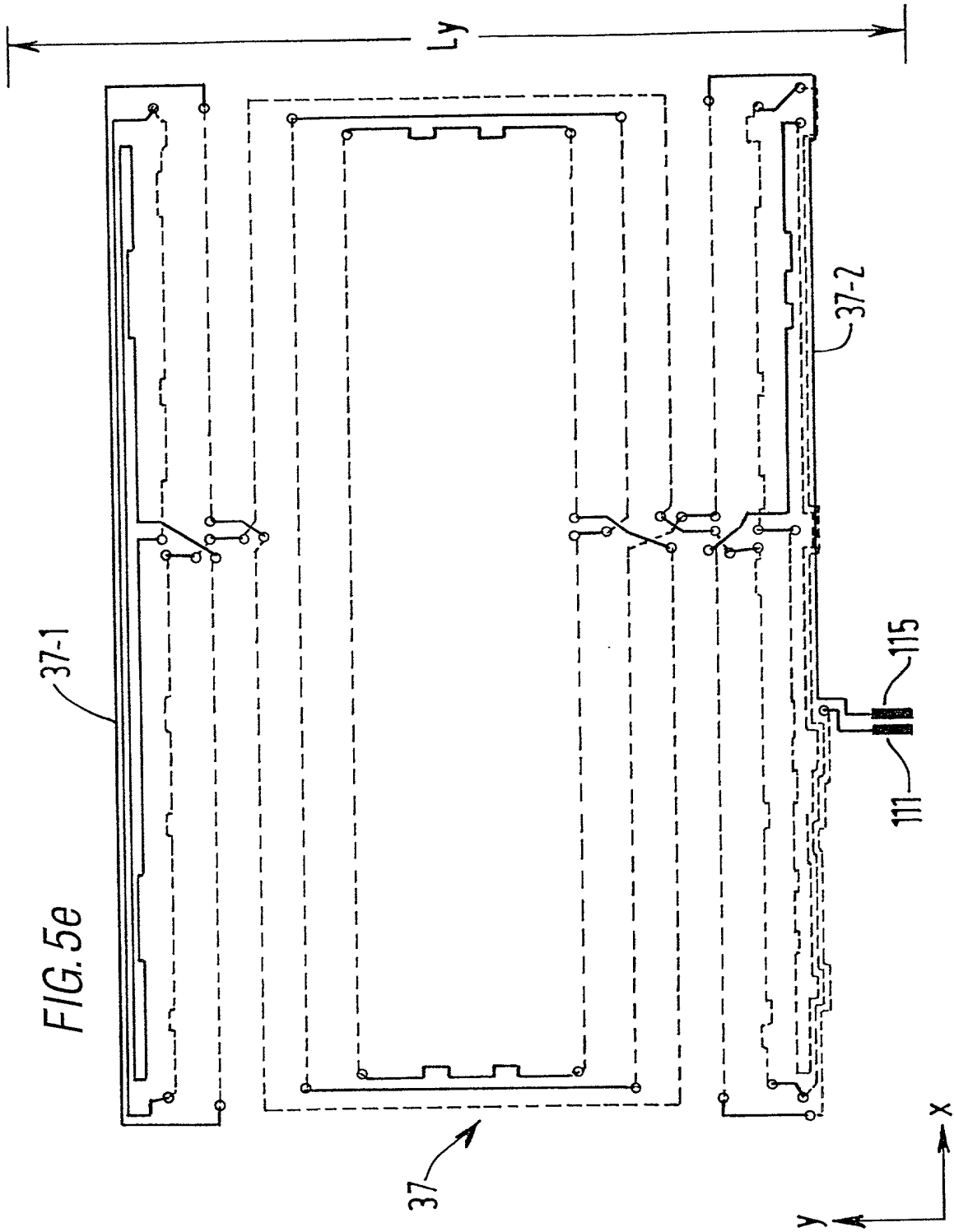


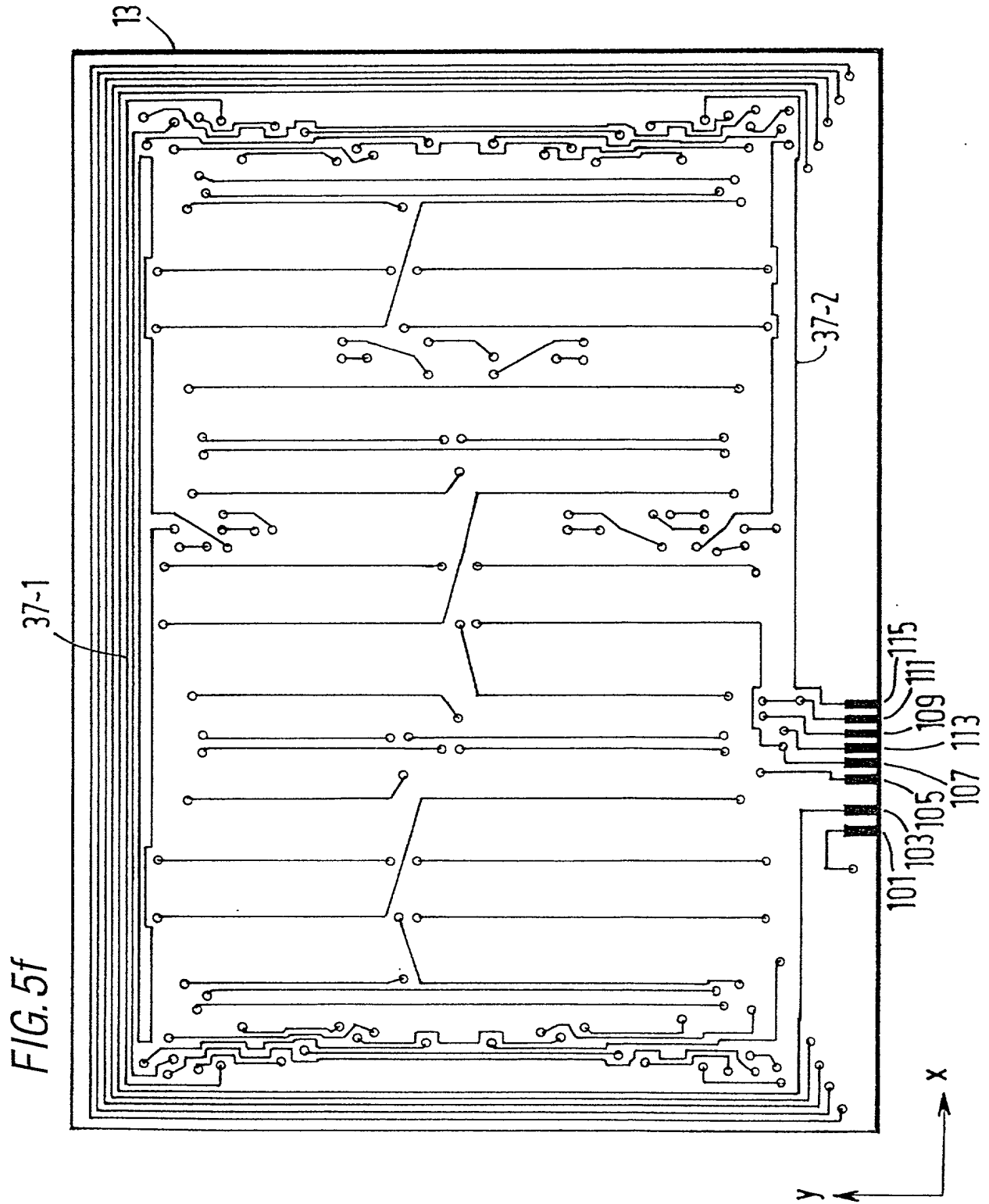
FIG. 5d

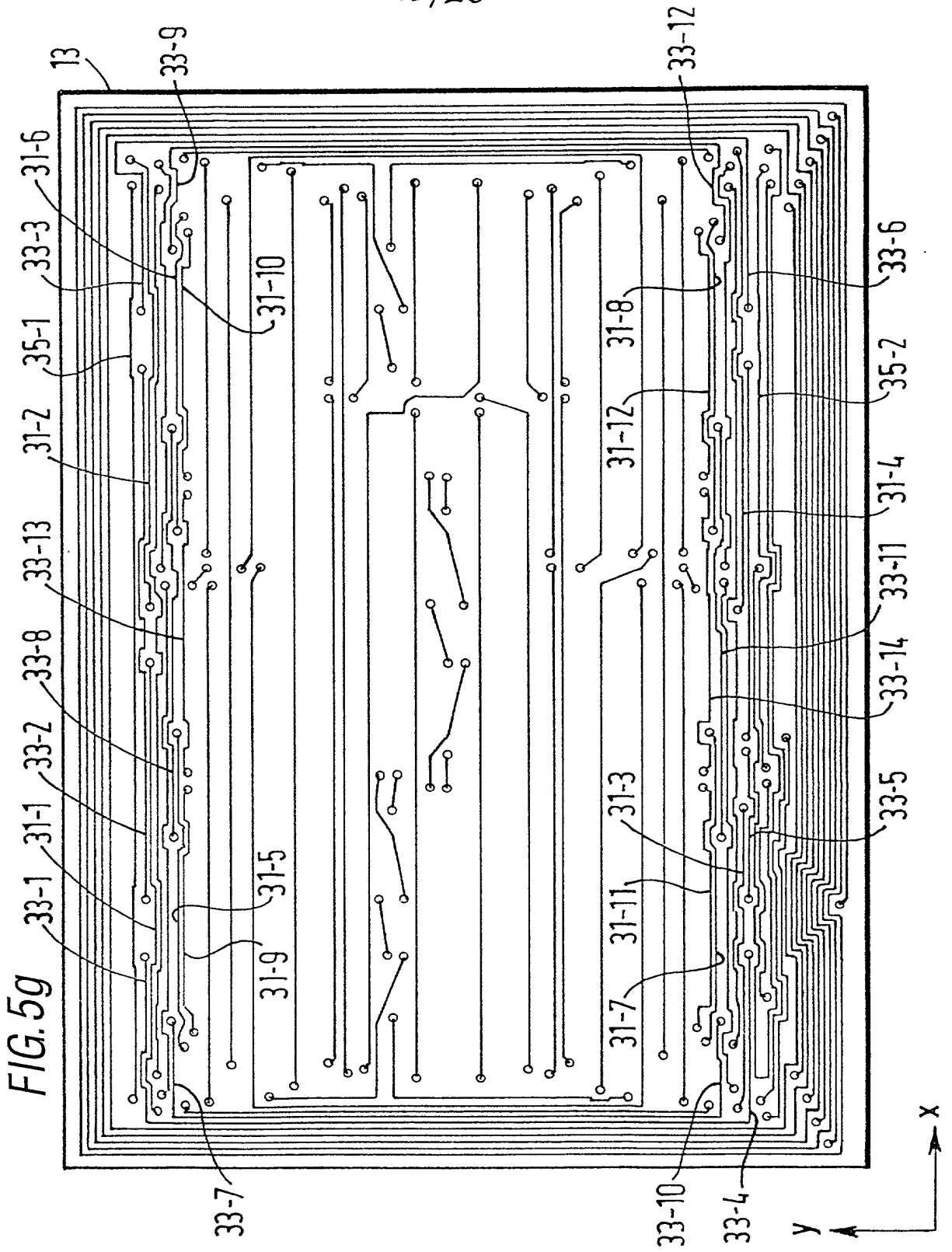


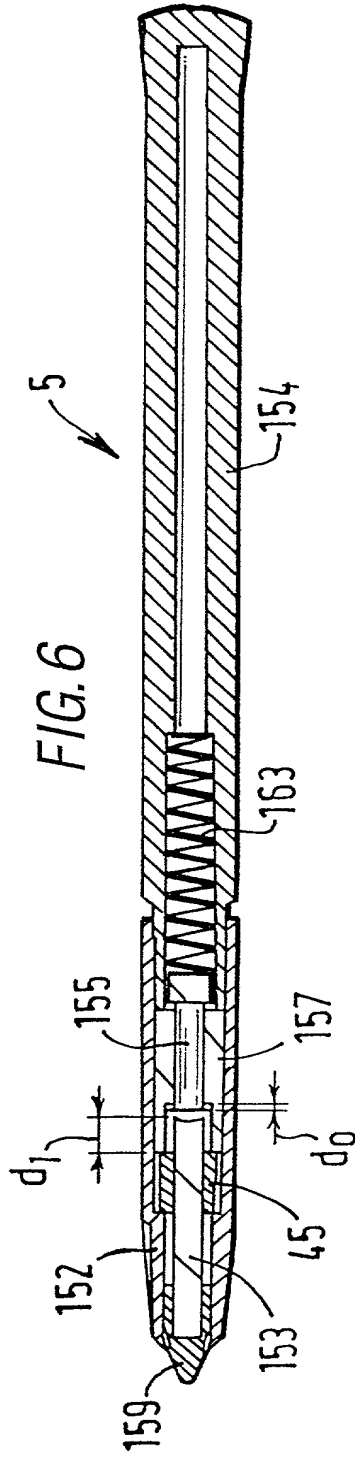
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FIG. 7

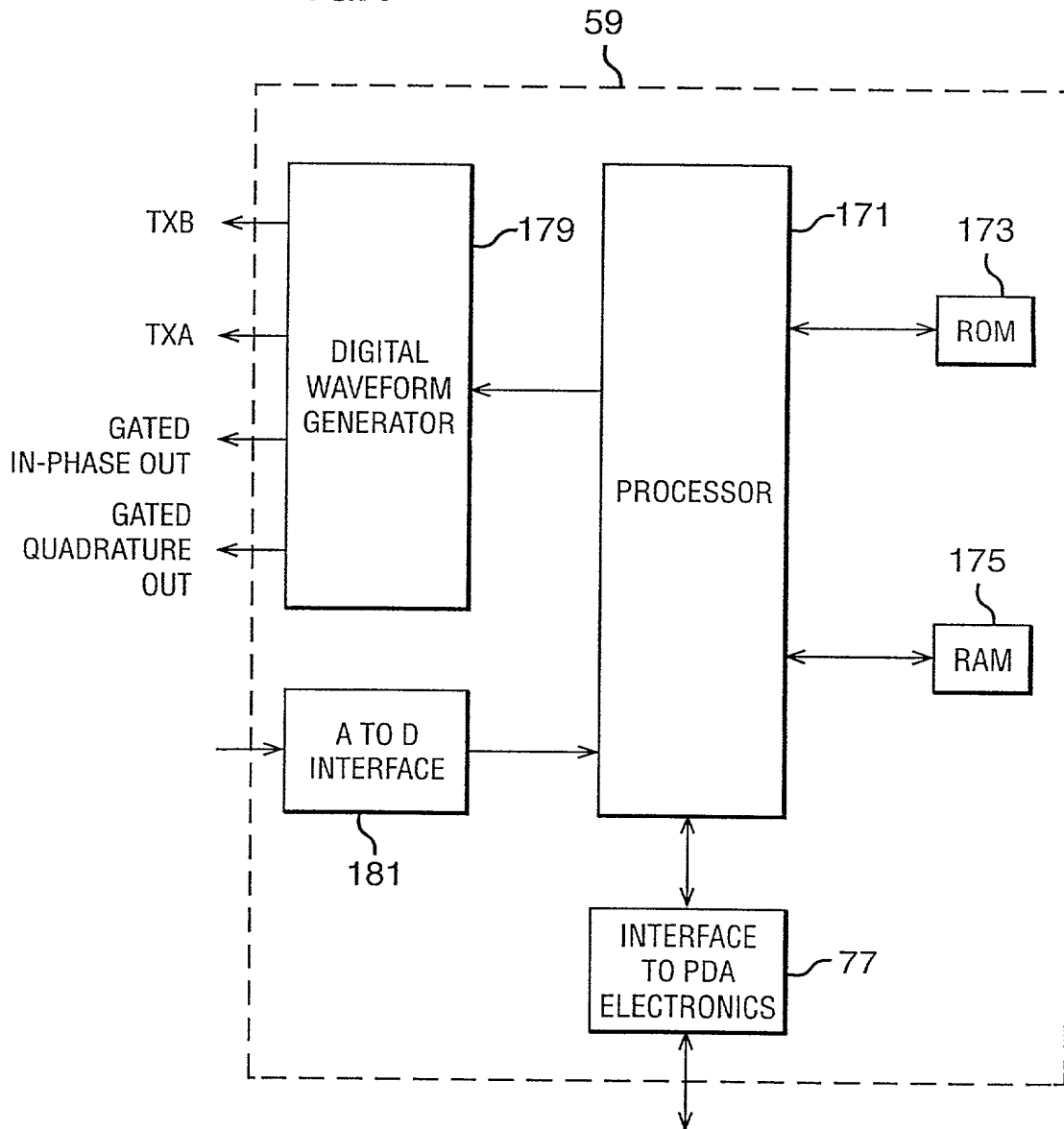
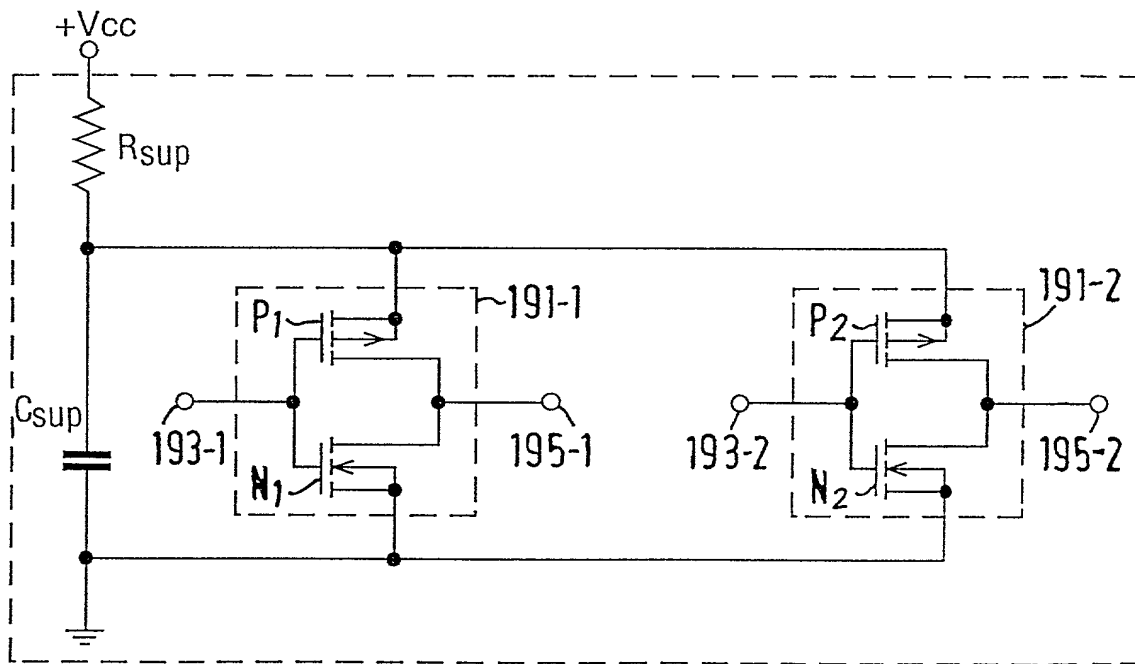


FIG. 8



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EXCITATION
VOLTAGE

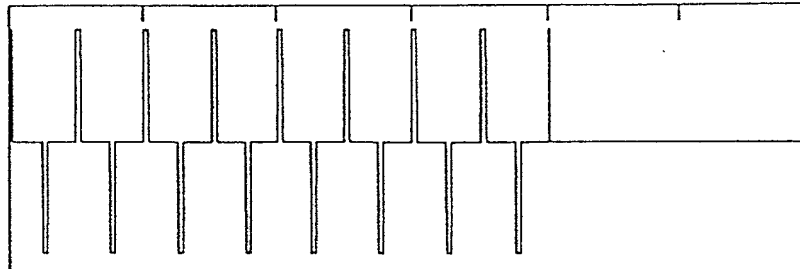


FIG. 9a

EXCITATION
CURRENT

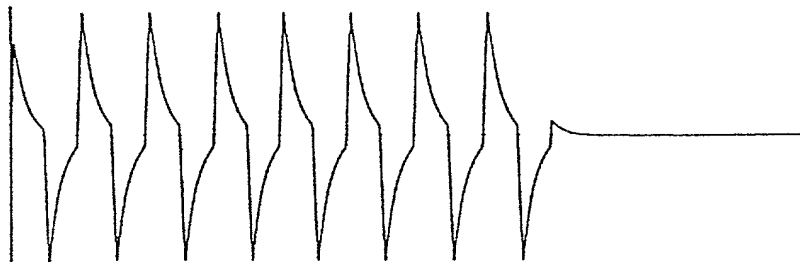


FIG. 9b

SUPPLY
CURRENT

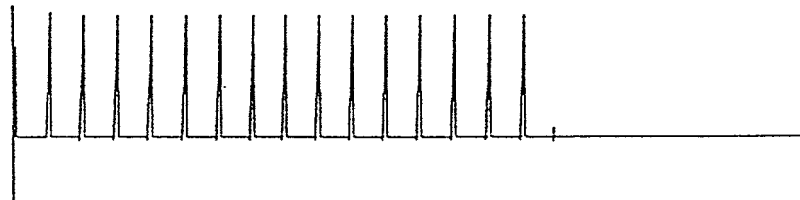


FIG. 9c

INDUCED
EMF

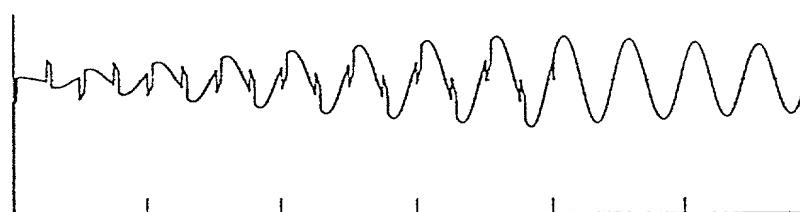
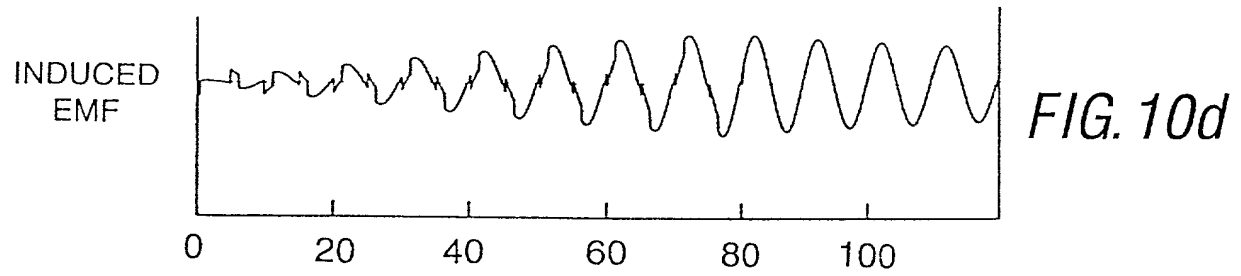
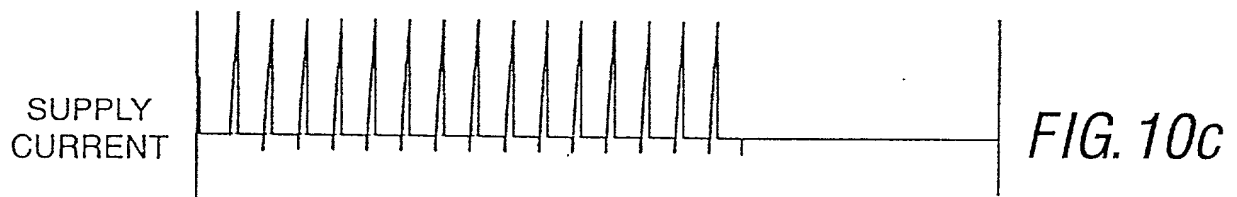
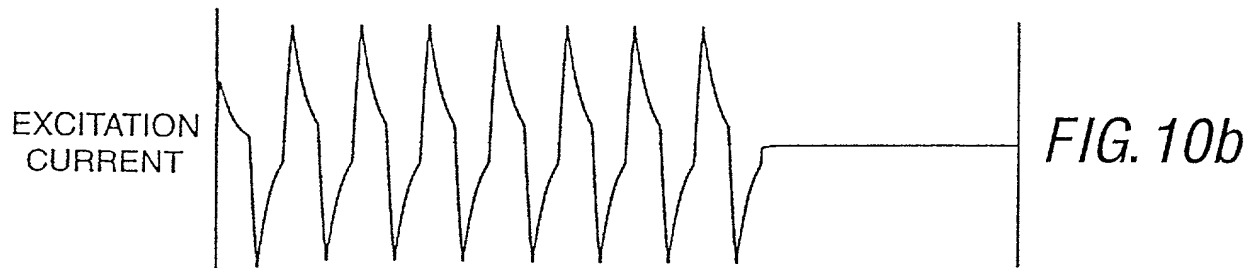
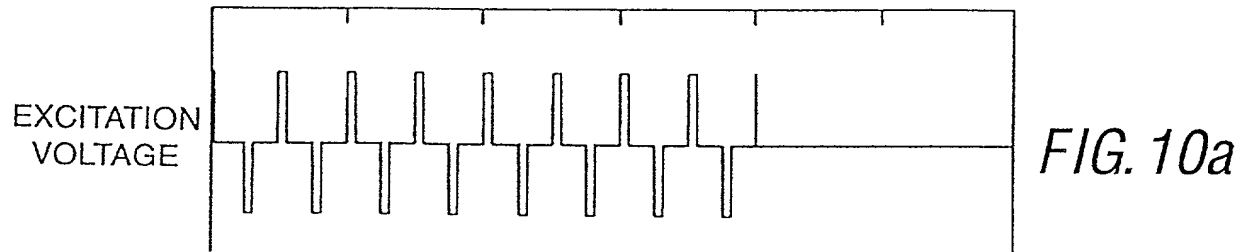


FIG. 9d

0 20 40 60 80 100

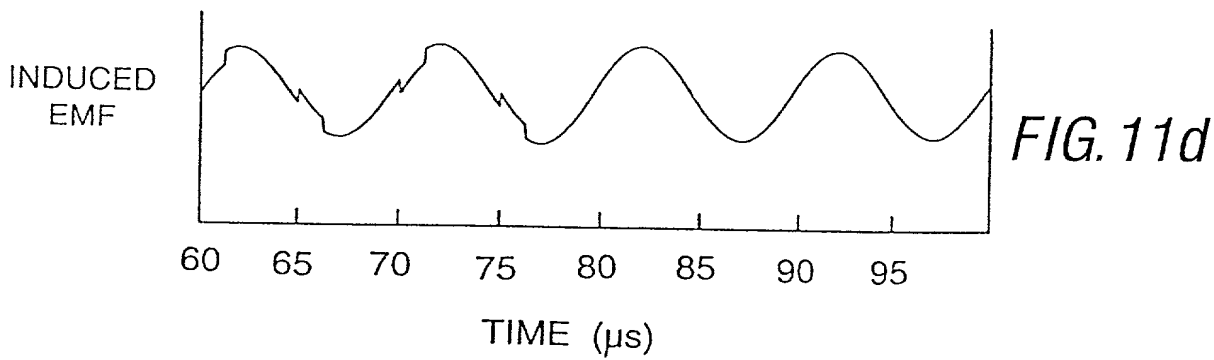
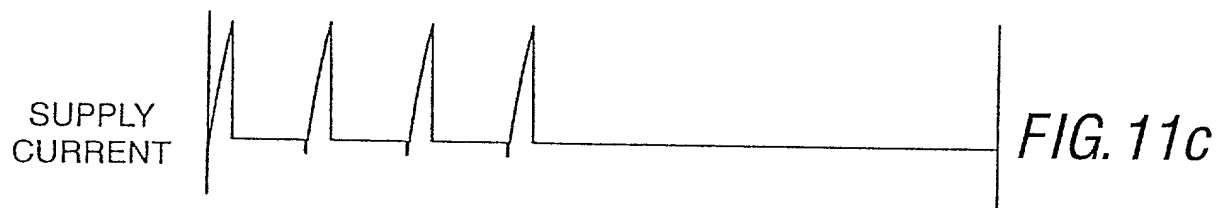
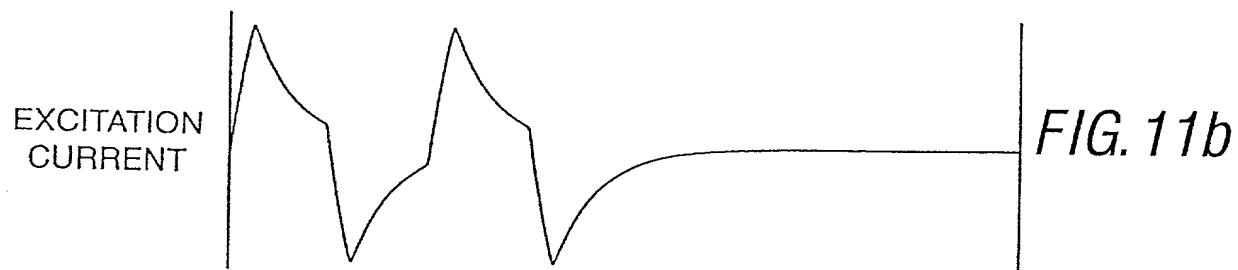
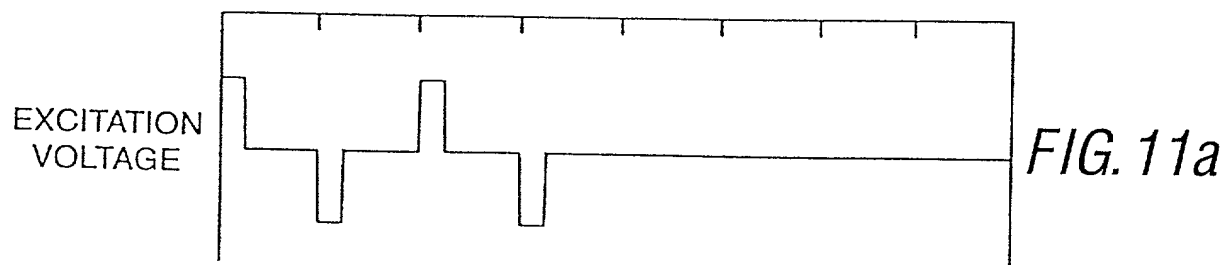
TIME (μ s)



0 20 40 60 80 100

TIME (μ s)

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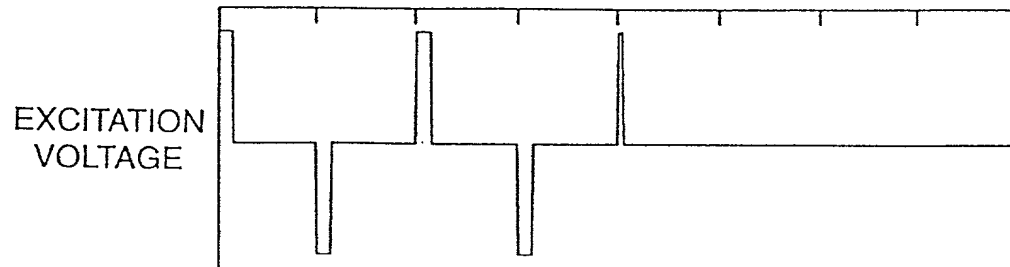


FIG. 12a

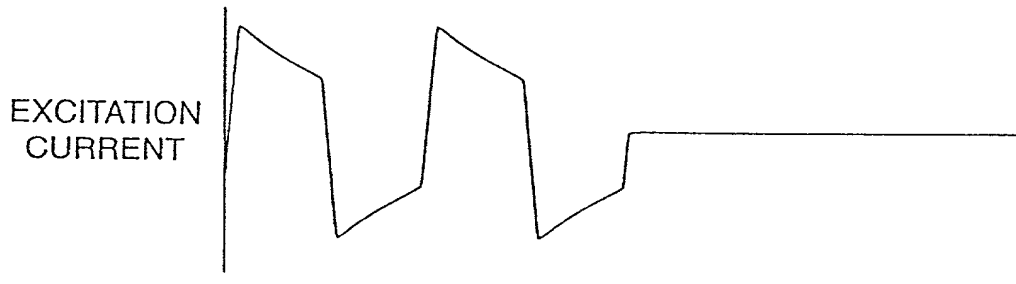


FIG. 12b

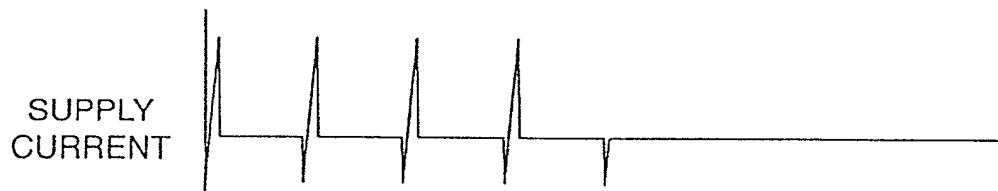


FIG. 12c

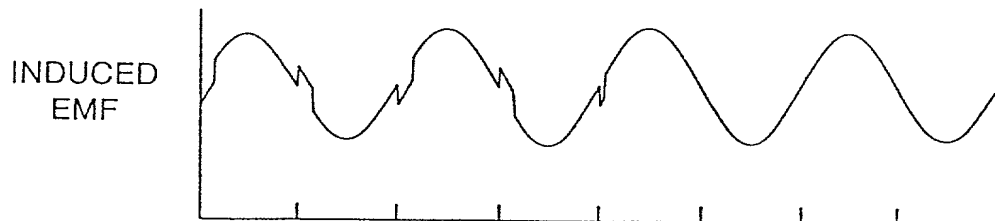


FIG. 12d

60 65 70 75 80 85 90 95
TIME (μ s)

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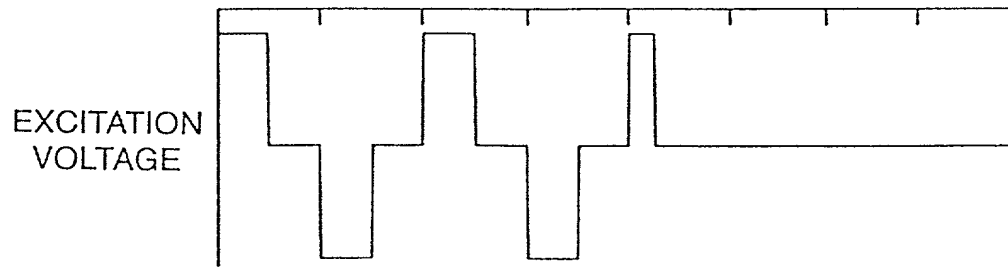


FIG. 13a

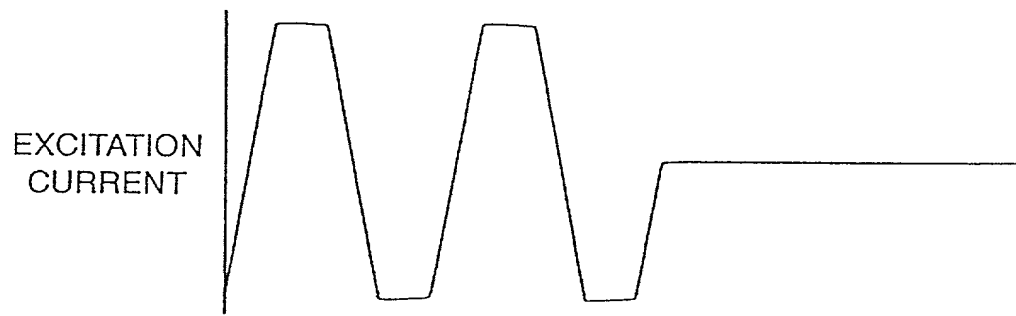


FIG. 13b

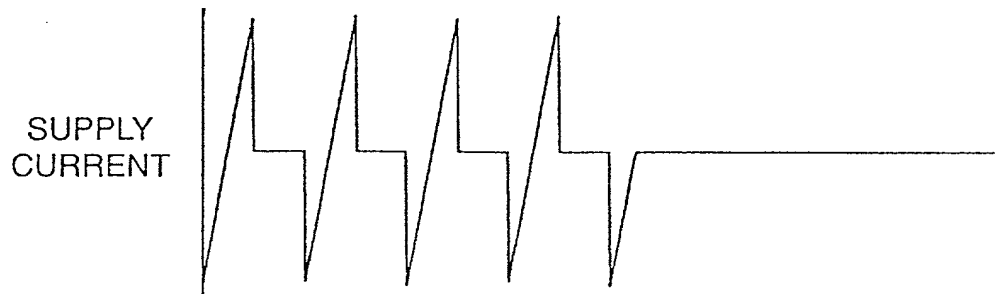


FIG. 13c

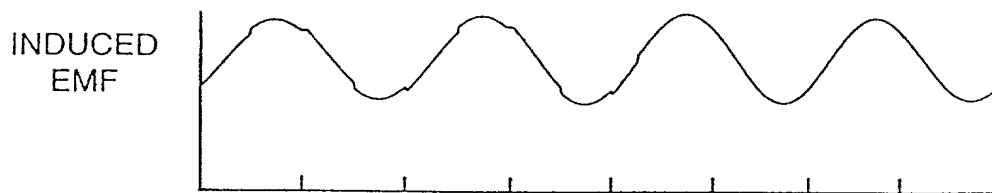


FIG. 13d

60 65 70 75 80 85 90 95
TIME (μ s)

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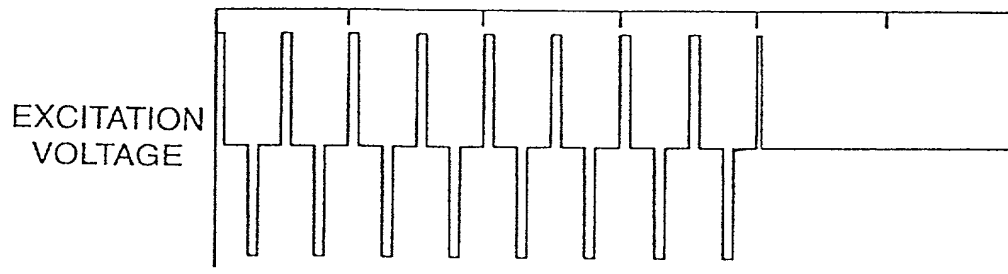


FIG. 14a

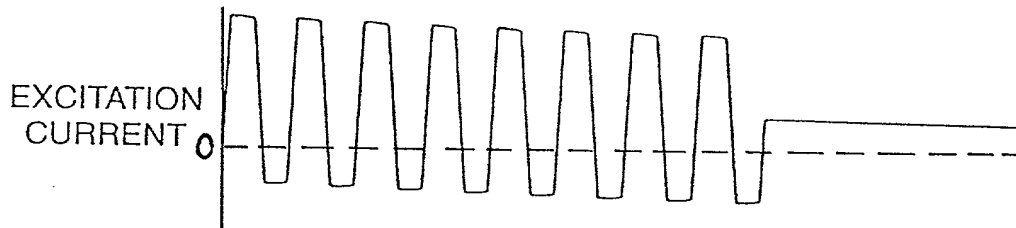


FIG. 14b

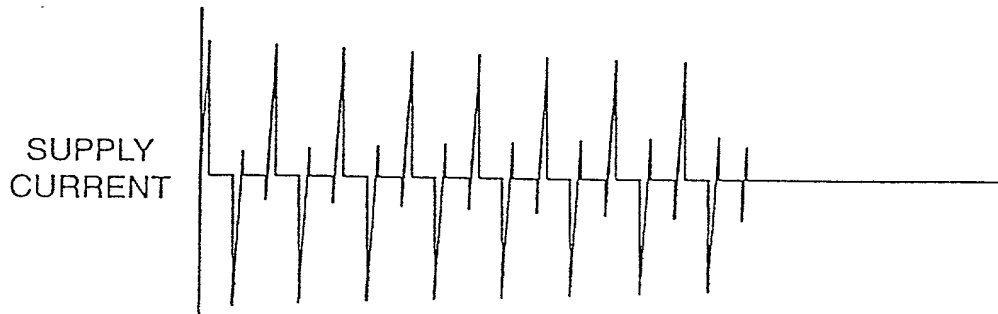


FIG. 14c

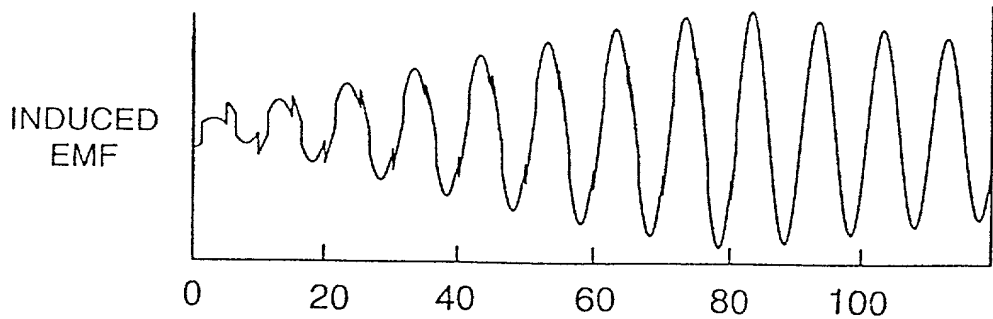


FIG. 14d

0 20 40 60 80 100

TIME (μ s)

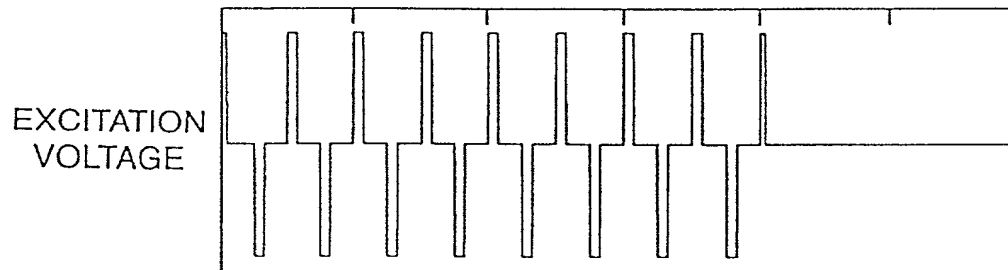


FIG. 15a

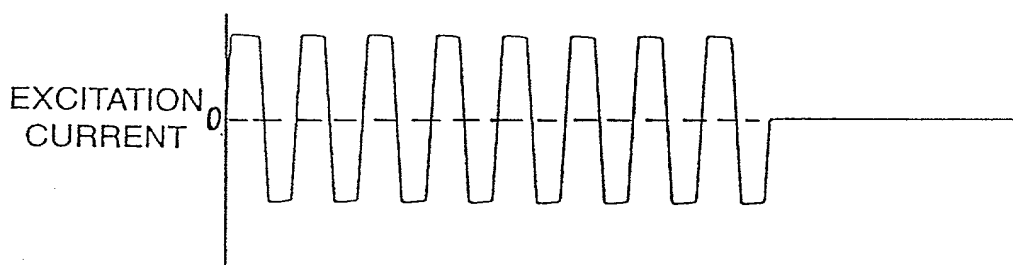


FIG. 15b

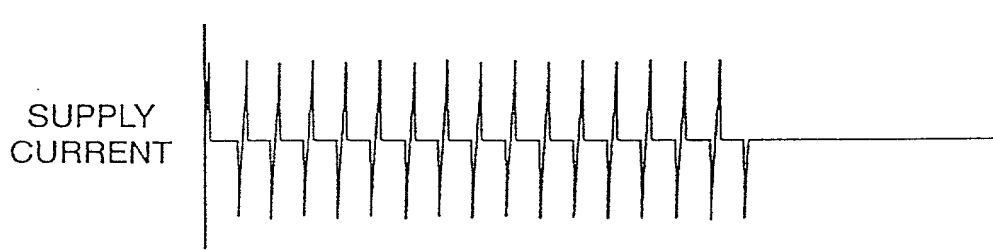


FIG. 15c

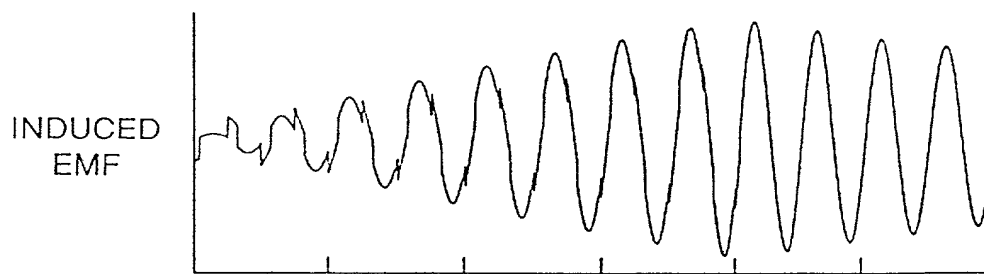
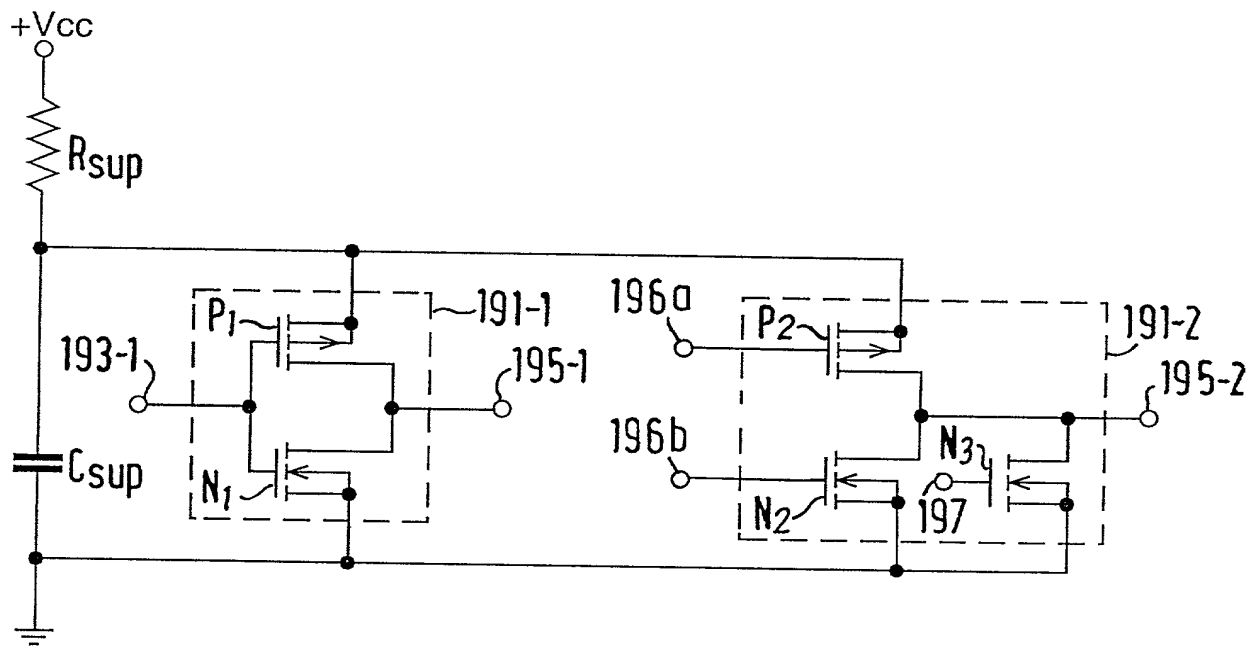
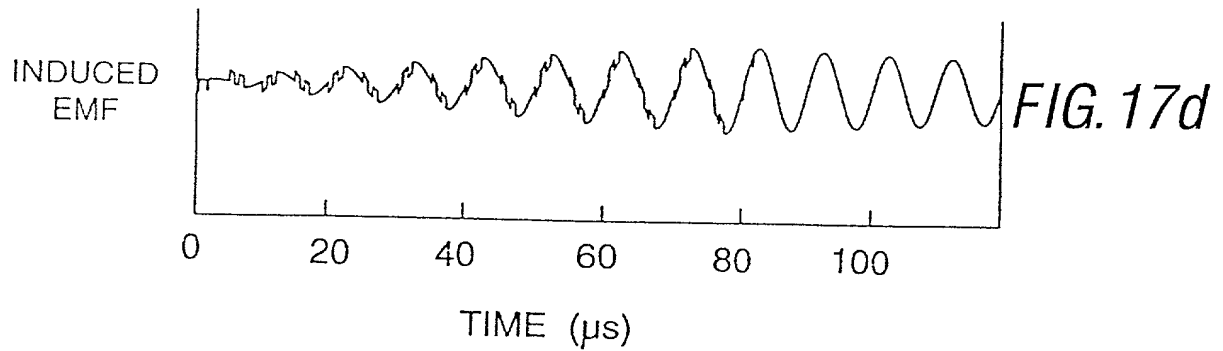
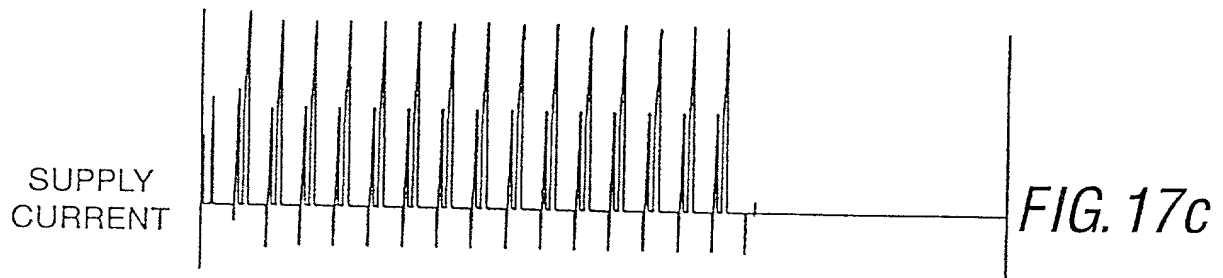
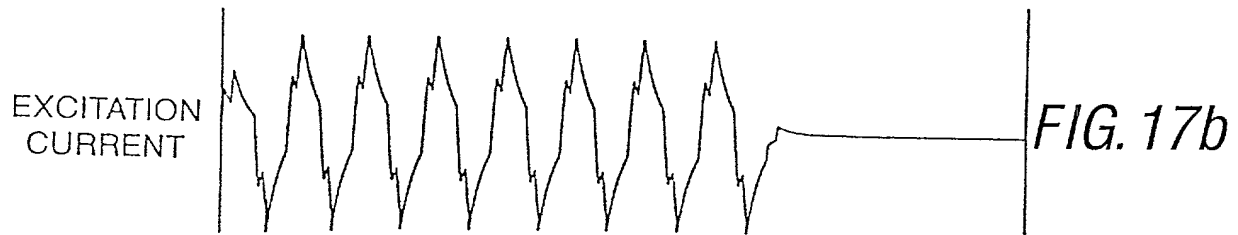
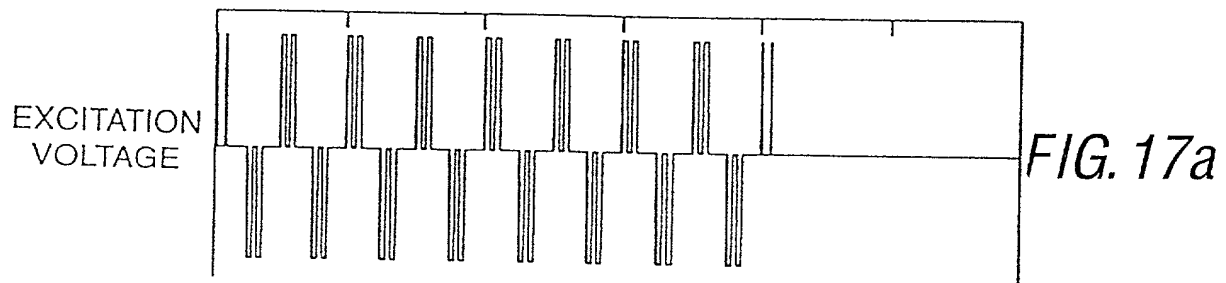


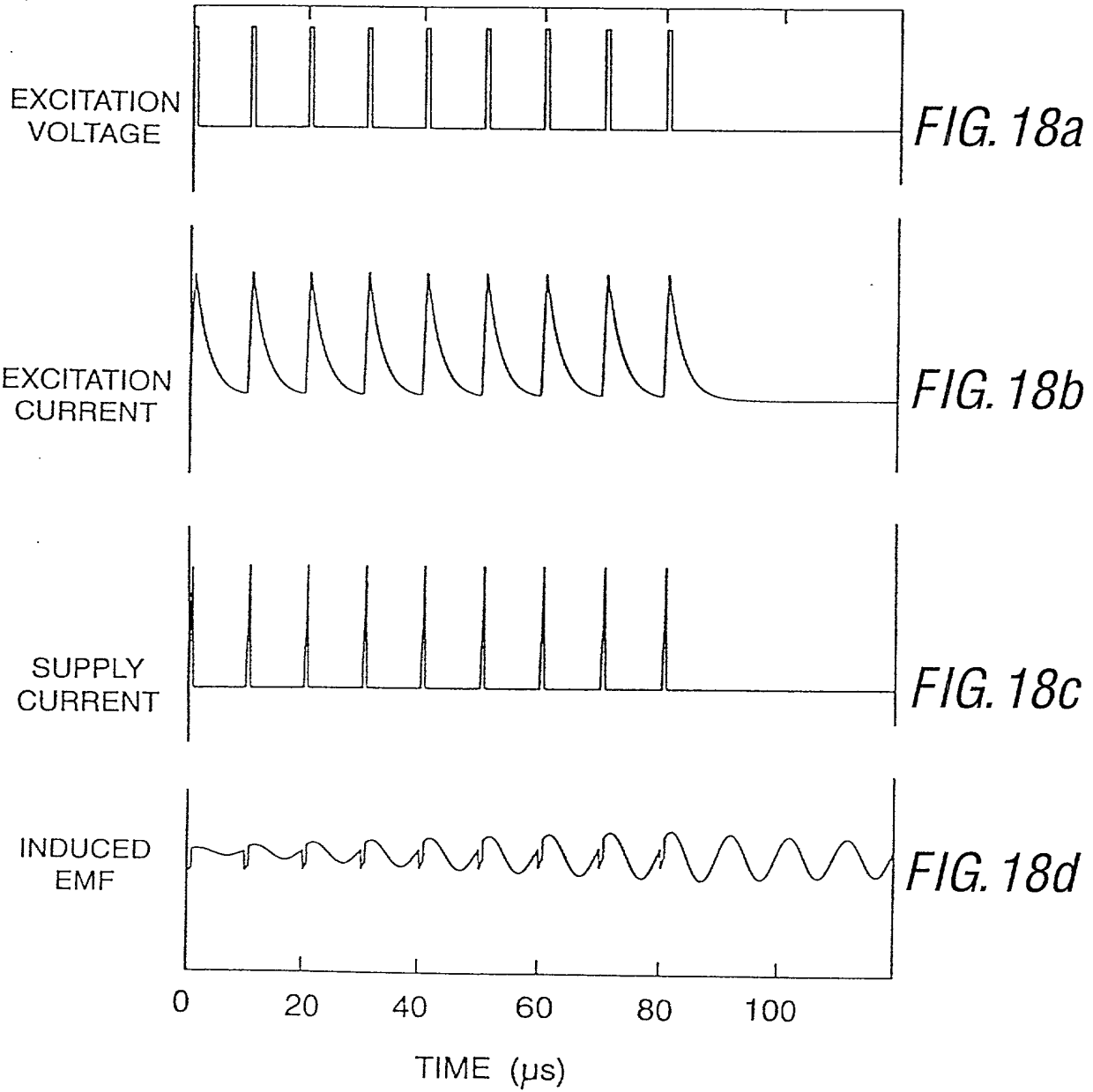
FIG. 15d

0 20 40 60 80 100
TIME (μs)

FIG. 16







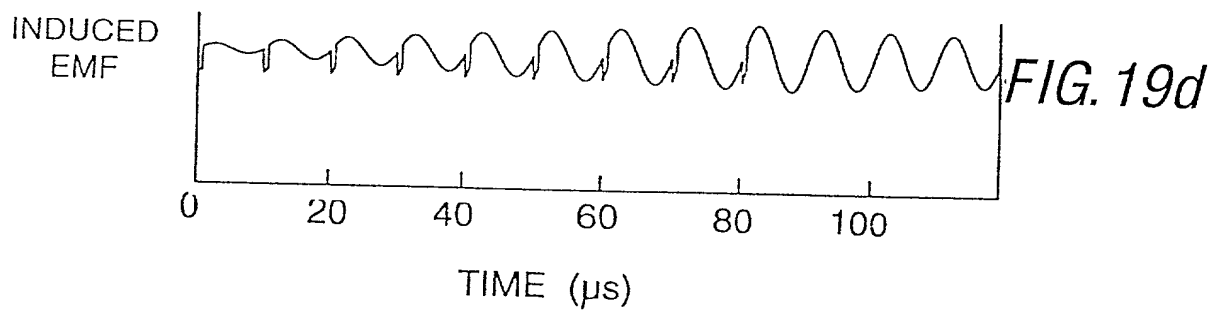
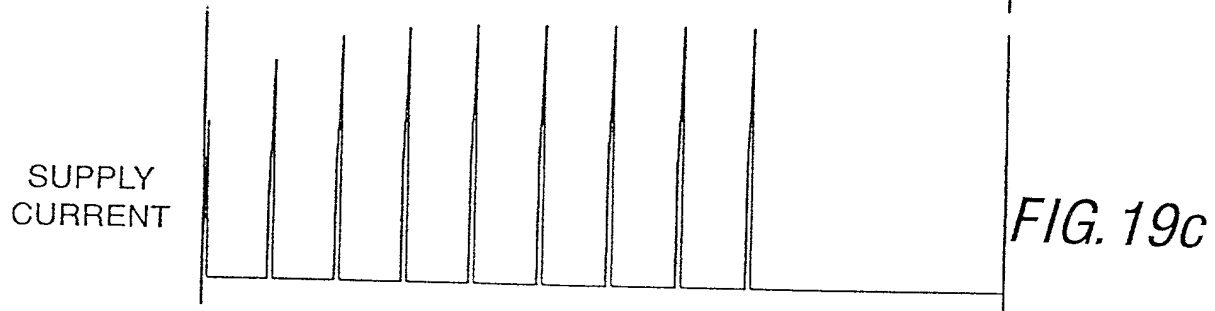
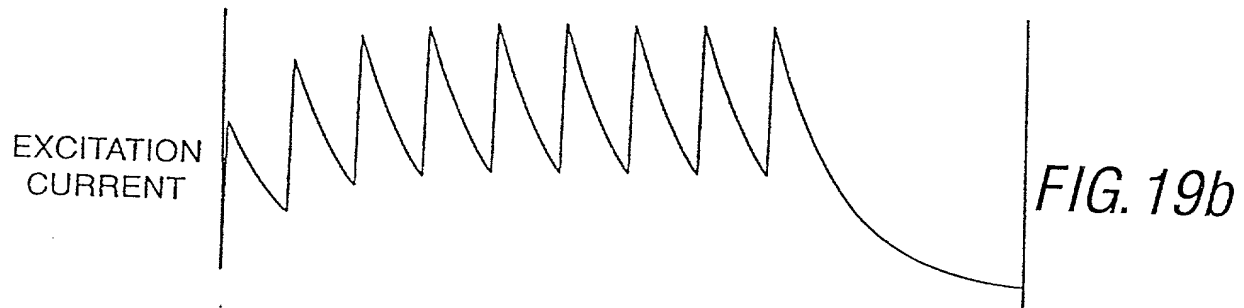
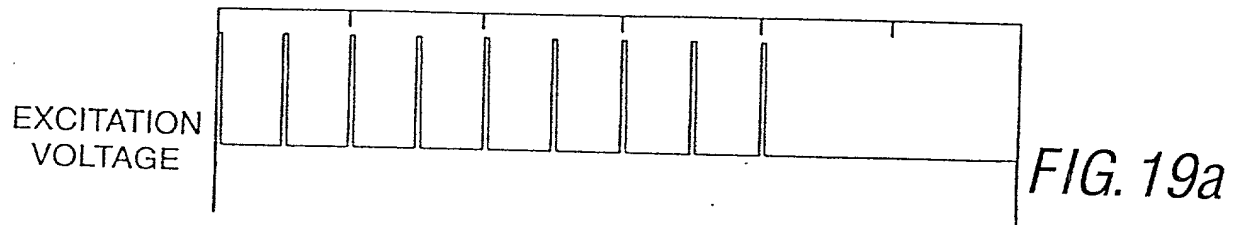


FIG. 20

